## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alexander Berk et al. Paper No.:

 Serial No.:
 09/838,801
 Examiner:
 Stevens, Thomas H.

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 Group No.:
 2123

For: BAND MODEL METHOD FOR Docket No.: 16849-00004

MODELING ATMOSPHERIC (formerly SPSC/0103)

PROPAGATION AT ARBITRARILY FINE SPECTRAL RESOLUTION

Mail Stop RCE Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

## CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this response, which accompanies an RCE, is being filed electronically with the U.S. Patent and Trademark Office this 17th day of September, 2007.

RESPONSE

This Response is in reply to the Final Office Action mailed on April 17, 2007, in the subject application.

Amendments to the claims begin on page 2 of this response.

Remarks begin on page 8 of this response.